

PTO-1-19 REPRODUCED

ATTORNEY DOCKET NO.  
0975.1005-017

APPLICATION NO.  
10/043,432

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

October 9, 2002

(Use several sheets if necessary)

APPLICANT  
Junming Le et al.

FILING DATE  
January 10, 2002

GROUP  
1644

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
W	AE2	4,816,567	03/28/89	Cabilly et al.			
	AF2	5,075,236	12/24/91	Yone et al.			
	AG2	5,959,087	09/28/99	Rathjen et al.			
	AH2	5,360,716	11/01/94	Ohmoto, Y. et al.			

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AM7	WO92/01059	23 JAN 92	PCT			
	AN7	02-227095	10 SEP 90	JP			X
	AO7	61-047500	07 MAR 86	JP			X

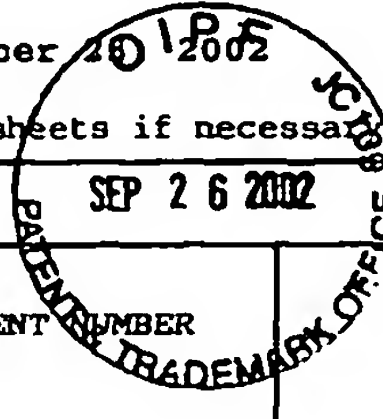
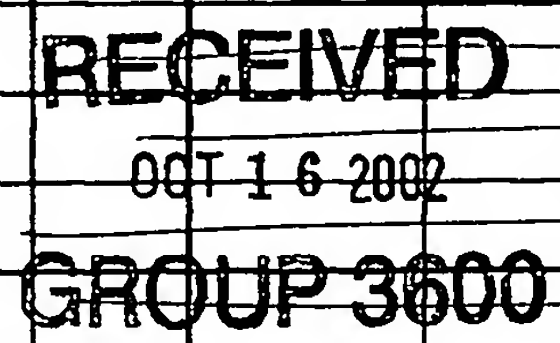
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AT11	Yan, L. et al., "Preparation and Characterization of Monoclonal Antibodies Against Recombinant Human Tumor Necrosis Factor Alpha", <i>Chinese J. Biotechnology</i> , 7(2):121-126 (1991).
AU11	Mateo, C. et al., "Removal of Amphipathic Epitopes from Genetically Engineered Antibodies: Production of Modified Immunoglobulins with Reduced Immunogenicity", <i>Hybridoma</i> , 19(6):463-471 (2000).
AV11	Paul, W.E. (Ed.), <i>Fundamental Immunology</i> , 3 <sup>rd</sup> Edition, Pub. Raven Press Ltd., pp. 292-293 (1993).
AW11	Borrebaeck, C.A.K. (Ed.), <i>Antibody Engineering</i> , 2 <sup>nd</sup> Edition, Pub. Oxford University Press, p. 291 (1995).
AX11	Socher, S. et al., "Antibodies against amino acids 1-15 of tumor necrosis factor block its binding to cell-surface receptor", <i>Proc. Natl. Acad. Sci., USA</i> 84:8829-8833 (1987).
AY11	Goh, C., "Tumour Necrosis Factors in Clinical Practice", <i>Annals of the Academy of Medicine</i> , 19(2):235-239 (1990).

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Philip Gauder 4/4/08

PTO-1449 REPRODUCED  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  September 20 12 00 PM '02 (Use several sheets if necessary)				ATTORNEY DOCKET NO. 0975.1005-017		APPLICATION NO. 10/043,432	
				APPLICANT Junming Le et al.			
				FILING DATE January 10, 2002		GROUP 1644	
U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	4,603,106	07/29/86	Cerami et al.	435	7	TECH CENTER 1600/2900 OCT 18 2002
	AB	4,822,776	04/18/89	Cerami et al.	514	21	
	AC	5,658,570	08/19/97	Newman et al.	424	184.1	
	AD	5,750,105	5/12/98	Newman et al.	424	133.1	
	AE	5,231,024	7/27/93	Moeller et al.	435	240.27	
	AF	5,223,395	06/29/93	Gero	435	71	
	AG	5,436,154	07/25/95	Barbanti et al.	435	240.27	
	AH	5,654,407	08/05/97	Boyle et al.	530	388.15	
	AI	5,700,788	12/23/97	Mongelli et al.	514	91	
	AJ	5,730,975	03/24/98	Hotamisligil et al.	424	130.1	
	AK	5,741,488	04/21/98	Feldman et al.	424	154.1	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL	0 212 489 A2	04 MAR 87	EPO			
	AM	0 218 868 A2	22 APR 87	EPO			
	AN	0 288 088 A2	26 OCT 88	EPO			
	AO	0 308 378 A2	22 MAR 89	EPO			
	AP	0 380 068 A1	01 AUG 90	EPO			
	AQ	0 393 438 A3	24 OCT 90	EPO			
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	AR	Beutler, B. et al., "Identity of tumour necrosis factor and the macrophage-secreted factor cachectin," <i>Nature</i> , 316:552-554 (1985).					
	AS	Beutler, B. et al., "Passive Immunization Against Cachectin/Tumor Necrosis Factor Protects Mice from Lethal Effect of Endotoxin," <i>Science</i> , 229:869-871 (1985).					
	AT	Morrison, Sherie L., "Transfectomas Provide Novel Chimeric Antibodies," <i>Science</i> , 229:1202-1207 (1985).					
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION  September 2012 (Use several sheets if necessary)				APPLICANT Junming Le et al.			
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U.S. PATENT DOCUMENTS							
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA2	5,776,947	07/07/98	Kroemer et al.	514	312	TECH CENTER 1600/2900 OCT 18 2002
	AB2	6,015,558	01/18/00	Hotamisligil et al.	424	142.1	
	AC2	6,172,202 B1	01/09/01	Marcucci et al.	530	406	
	AD2	6,194,451 B1	02/27/01	Alpegiani et al.	514	459	
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL2	0 398 327 A1	22 NOV 90	EPO			
	AM2	0 412 486 A1	13 FEB 91	EPO			
	AN2	0 433 900 A1	26 JUN 91	EPO			
	AO2	0 526 905 A2	10 FEB 93	EPO			
	AP2	WO91/02078	21 FEB 91	PCT			
	AQ2	WO92/07076	30 APR 92	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AU	Liang, Chi-Ming et al., "Production and Characterization of Monoclonal Antibodies Against Recombinant Human Tumor Necrosis Factor/Cachectin," <i>Biochem. &amp; Biophys. Res. Comm.</i> , 137(2):847-854 (1986).					
	AV	Hirai, Makoto et al., "Production and characterization of monoclonal antibodies to human tumor necrosis factor," <i>J. of Immun. Methods</i> , 96:57-62 (1987).					
	AW	Piguet, Pierre-Francois et al., "Tumor Necrosis Factor/Cachectin is an Effector of Skin and Gut Lesions of the Acute Phase of Graft-vs.-Host Disease," <i>J. Exp. Med.</i> , 166:1280-1289 (1987).					
	AX	Meager, Anthony et al., "Preparation and Characterization of Monoclonal Antibodies Directed Against Antigenic Determinants of Recombinant Human Tumour Necrosis Factor (rTNF)," <i>Hybridoma</i> , 6(3):305-311 (1987).					
	AY	Fendly, Brian M. et al., "Murine Monoclonal Antibodies Defining Neutralizing Epitopes on Tumor Necrosis Factor," <i>Hybridoma</i> , 6(4):359-370 (1987).					
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL3	WO 92/13095	06 AUG 92	PCT			
	AM3	0 260 610 A2	23 MAR 88	EPO			
	AN3	91/09967	11 JUL 91	PCT			
	A03	0 351 789 A2	24 JAN 90	EPO			
	AP3	0 350 690 A2	17 JAN 90	EPO			
	AQ3	90/00902	08 FEB 90	PCT			
	AL4	WO 92/11383	09 JUL 92	PCT			
	AM4	WO 93/02108	04 FEB 93	PCT			
	AN4	WO 92/16553	19 MAR 92	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AZ	Bringman, Timothy S. and Aggarwal, Bharat B., "Monoclonal Antibodies to Human Tumor Necrosis Factors Alpha and Beta: Applications for Affinity Purification, Immunoassays, and as Structural Probes," <i>Hybridoma</i> , 6(5):489-507 (1987).					
	AR2	Tracey, Kevin J. et al., "Anti-cachectin/TNF monoclonal antibodies prevent septic shock during lethal bacteraemia," <i>Nature</i> , 330:662-664 (1987).					
	AS2	Nagai, M. et al., "Antibody to tumor necrosis factor (TNF) reduces endotoxin fever," <i>Experientia</i> , 44:606-607 (1988).					
	AT2	Shimamoto, Yoshinori et al., "Monoclonal antibodies against human recombinant tumor necrosis factor: prevention of endotoxic shock," <i>Immunology Letters</i> , 17:311-318 (1988).					
	AU2	Di Giovine, Francesco, S. et al., "Tumour necrosis factor in synovial exudates," <i>Annals of the Rheumatic Diseases</i> , 47:768-772 (1988).					
	AV2	Collins, M.S. et al., "Immunoprophylaxis of Polymicrobial Cellulitis with a Human Monoclonal Antibody Against Lipopolysaccharide Antigen of <i>Pseudomonas aeruginosa</i> ," Abstract E-63, Abstracts of Annual Meeting 1989.					
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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
Ab	AO4	WO 91/09967	11 JUL 91	PCT			
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	AN5	0 453 898 A2	30 OCT 91	EPO			
	AOS	0 585 705 A1	09 MAR 94	EPO			
	AP5	0 614 984 A2	14 SEP 94	EPO			
	AQ5	0 663 836 B1	26 JUL 95	EPO			
	AL6	WO 89/08460	21 SEP 89	PCT			
	AM6	WO 90/01950	08 MAR 90	PCT			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AW2	Exley, A.R. et al., "Monoclonal Antibody (Mab) to Recombinant Human Tumour Necrosis Factor (rhTNF) in the Prophylaxis and Treatment of Endotoxic Shock in Cynomolgus Monkeys," <i>Medical Research Society</i> , Abstract 184, p. 50 (1989).					
	AX2	Cross, A.S. et al., "Pretreatment with Recombinant Murine Tumor Necrosis Factor $\alpha$ /Cachectin and Murine Interleukin 1 $\alpha$ Protects Mice from Lethal Bacterial Infection," <i>J of Exp Med.</i> , 169:2021-2027 (1989).					
	AY2	Engelmann, Hartmut et al., "A Tumor Necrosis Factor-binding Protein Purified to Homogeneity from Human Urine Protects Cells from Tumor Necrosis Factor Toxicity," <i>J. of Bio. Chem.</i> , 264(20):11974-11980 (1989).					
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INFORMATION DISCLOSURE CITATION IN AN APPLICATION  September 3, 2002 (Use several sheets if necessary)		APPLICANT Junming Le et al.			
		FILING DATE January 10, 2002		GROUP 1644	
U.S. PATENT DOCUMENTS EXAM- INER INI- TIAL DOCUMENT NUMBER DATE NAME CLASS SUB- CLASS FILING DATE IF APPROPRIATE					
FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS SUB- CLASS TRANSLATION YES NO
11	AN6	WO 91/04054	04 APR 91	PCT	
	AO6	WO 92/01472	06 FEB 92	PCT	
	AP6	WO 93/11236	10 JUN 93	PCT	
	AQ6	WO 94/08609	28 APR 94	PCT	
	AL7	WO 94/08619	28 APR 94	PCT	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)					
	AZ2	Kawasaki, Hajime et al., "Analysis of Endotoxin Fever in Rabbits by Using a Monoclonal Antibody to Tumor Necrosis Factor (Cachectin)," <i>Infection and Immunity</i> , 57(10):3131-3135 (1989).			
	AR3	Fong, Yuman et al., "Antibodies to Cachectin/Tumor Necrosis Factor Reduce Interleukin 1 $\beta$ and Interleukin 6 Appearance During Lethal Bacteremia," <i>J. Exp. Med.</i> , 170:1627-1633 (1989).			
	AS3	Von Asmuth, E.J.U. et al., "Tumour Necrosis Factor Alpha (TNF- $\alpha$ ) and Interleukin 6 in a Zymosan-Induced Shock Model," <i>Scand. J. Immunol.</i> , 32:313-319 (1990).			
	AT3	Herve, P. et al., "Monoclonal Anti TNF $\alpha$ Antibody for the Treatment of Severe Acute GvHD in Humans," Abstract 3.25, <i>Lymphoma Res.</i> 9:591 (1990).			
	AU3	Silva, Ayona T. et al., "Prophylactic and Therapeutic Effects of a Monoclonal Antibody to Tumor Necrosis Factor- $\alpha$ in Experimental Gram-Negative Shock," <i>J. of Infectious Diseases</i> , 162:421-427 (1990).			
	AV3	Opal, Steven M. et al., "Efficacy of a Monoclonal Antibody Directed Against Tumor Necrosis Factor in Protecting Neutropenic Rats from Lethal Infection with <i>Pseudomonas aeruginosa</i> ," <i>J. of Infectious Diseases</i> , 161:1148-1152 (1990).			
	AW3	Tavernier, Jan et al., "Analysis of the Structure-Function Relationship of Tumour Necrosis Factor. Human/Mouse Chimeric TNF Proteins: General Properties and Epitope Analysis," <i>J. Mol. Biol.</i> , 211:493-501 (1990).			
12	AX3	Lucas, R. et al., "Generation and characterization of a neutralizing rat anti-rm TNF- $\alpha$ monoclonal antibody," <i>Immunology</i> , 71:218-223 (1990).			
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INFORMATION DISCLOSURE CITATION  
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ATTORNEY DOCKET NO.  
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Junming Le et al.FILING DATE  
January 10, 2002GROUP  
1644

## U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AY3	Hinshaw, L.B. et al., "Survival of Primates in LD <sub>100</sub> Septic Shock Following Therapy with Antibody to Tumor Necrosis Factor (TNF $\alpha$ )," <i>Circulatory Shock</i> , 30:279-292 (1990).
AZ3	Nophar, Yaron et al., "Soluble forms of tumor necrosis factor receptors (TNF-Rs). The cDNA for the type 1 TNF-R, cloned using amino acid sequence data of its soluble form, encodes both the cell surface and a soluble form of the receptor," <i>The EMBO Journal</i> , 9(10):3269-3278 (1990).
AR4	Engelmann, Hartmut et al., "Two Tumor Necrosis Factor-binding Proteins Purified from Human Urine," <i>J. of Bio. Chem.</i> , 265(3):1531-1536 (1990).
AS4	Verhoef, J. and Torensma, R., "Prospects for Monoclonal Antibodies in the Diagnosis and Treatment of Bacterial Infections," <i>Eur. J. Clin. Microbiol. Dis.</i> , 9(4):247-250 (1990).
AT4	Loetscher, Hansruedi et al., "Molecular Cloning and Expression of the Human 55 kd Tumor Necrosis Factor Receptor," <i>Cell</i> , 61:351-359 (1990).
AU4	Schall, Thomas J. et al., "Molecular Cloning and Expression of a Receptor for Human Tumor Necrosis Factor," <i>Cell</i> , 61:361-370 (1990).
AV4	Akama, Hideto et al., "Mononuclear Cells Enhance Prostaglandin E <sub>2</sub> Production of Polymorphonuclear Leukocytes via Tumor Necrosis Factor $\alpha$ ," <i>Biochemical and Biophysical Research Comm.</i> , 168(2):857-862 (1990).
AW4	Exley, A.R. et al., "Monoclonal antibody to TNF in severe septic shock," <i>The Lancet</i> , 335:1275-1277 (1990).
AX4	Möller, Achim et al., "Monoclonal Antibodies to Human Tumor Necrosis Factor $\alpha$ : In Vitro and In Vivo Application," <i>Cytokine</i> , 2(3):162-169 (1990).
AY4	Ruddle, Nancy H. et al., "An Antibody to Lymphotoxin and Tumor Necrosis Factor Prevents Transfer of Experimental Allergic Encephalomyelitis," <i>J. Exp. Med.</i> , 172:1193-1200 (1990).

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Philip G. Ganger

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## APPLICANT

Dunming Le et al.

## FILING DATE

January 10, 2002

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AZ4	Galloway, Cynthia J. et al., "Monoclonal anti-tumor necrosis factor (TNF) antibodies protect mouse and human cells from TNF cytotoxicity," <i>J. of Immunological Methods</i> , 140:37-43 (1991).
AR5	Waldmann, Thomas A., "Monoclonal Antibodies in Diagnosis and Therapy," <i>Science</i> , 252:1657-1662 (1991).
AS5	Aderka, Dan et al., "The Possible Role of Tumor Necrosis Factor (TNF) and Its Natural Inhibitors, The Soluble-TNF Receptors, In Autoimmune Diseases," <i>Israel J. Med. Sci.</i> , 28(2):126-130 (1992).
AT5	Pennington, James, "TNF: Therapeutic Target in Patients with Sepsis," <i>ASM News</i> , 58(9):479-482 (1992).
AU5	Harris, William J. and Emery, Steven, "Therapeutic antibodies - the coming of age," <i>TBTECH</i> , 11:42-44 (1993).
AV5	Parrillo, Joseph E., "Pathogenetic Mechanisms of Septic Shock," <i>N.E. Journal of Medicine</i> , 328(20):1471-1477 (1993).
AW5	Aggarwal, Bharat B. et al., "Human Tumor Necrosis Factor Production, Purification and Characterization," <i>J. of Biol. Chem.</i> , 260(4):2345-2354 (1985).
AX5	Beutler, B. et al., "Purification of Cachectin, A Lipoprotein Lipase-Suppressing Hormone Secreted by Endotoxin-induced RAW 264.7 Cells," <i>J. Exp. Med.</i> , 161:984-995 (1985).
AY5	Echtenacher, Bernd et al., "Requirement of Endogenous Tumor Necrosis Factor/Cachectin for Recovery from Experimental Peritonitis," <i>J. of Immunology</i> , 145(11):3762-3766 (1990).
AZ5	Smith, Craig R., "Human and Chimeric Antibodies to LPS and TNF," 4Abstract, <i>Endotoxemia &amp; Sepsis Conference</i> (1991).
AR6	Bodmer, Mark, "Humanized Antibodies for Anti-TNF Therapy," Abstract, <i>Endotoxemia &amp; Sepsis Conference</i> (1991).
AS6	Genebank Accession, No. N90300 (1989; November 1).
AT6	Genebank Accession, No. M32046 (1990, June 15).
AU6	Paulus, H., "Preparation and Biomedical Applications of Bispecific Antibodies," <i>Behring Inst. Mitt</i> , No.78:118-132 (1985).
AV6	Whittle, Nigel, et al., "Construction and Expression of a CDR-Grafted Anti-TNF Antibody," <i>J. Cell Biochem, Supl.</i> 13A:96 (1989).
AW6	Gorman, S.D. and Clark, M.R., "Humanisation of monoclonal antibodies for therapy," <i>Sem Immunol</i> , 2:457-466 (1990).
AX6	Starnes, H. Fletcher, Jr., et al., "ANTI-IL-6 Monoclonal Antibodies Protect Against Lethal Escherichia Coli Infection and Lethal Tumor Necrosis Factor Challenge in Mice," <i>J Immunol</i> , 145:4185-4191 (1990).

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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AZ6	Aderka, Dan et al., "IL-6 Inhibits Lipopolysaccharide-Induced tumor Necrosis Factor Production in Cultured Human Monocytes, U937 Cells, and in Mice," <i>J Immunol</i> , 143:3517-3523 (1989).
AR7	Aderka, Dan, "Role of Tumor Necrosis Factor in the Pathogenesis of Intravascular Coagulopathy of Sepsis: Potential New Therapeutic Implications," <i>Isr J Med Sci</i> , 27:52-60 (1991).
AS7	Lassalle, Ph., et al., "Potential Implication of Endothelial Cells in Bronchial Asthma," <i>Int Arch Allergy Appl Immunol</i> , 94:233-238 (1991).
AT7	Fong, Yuman and Lowry, Stephen F., "Tumor Necrosis Factor in the Pathophysiology of Infection and Sepsis," <i>Clin Immunol Immunopathol</i> , 55:157-170 (1990).
AU7	Eck, Michael J. and Sprang, Stephen R., "The Structure of Tumor Necrosis Factor- $\alpha$ at 2.6 Å Resolution," <i>J Biol Chem</i> , 264:17595-17605 (1989).
AV7	Gillies, Stephen D. et al., "High-level expression of chimeric antibodies using adapted cDNA variable region cassettes," <i>J Immunol Methods</i> , 125:191-202 (1989).
AW7	Kameyama, Koh-zoh, et al., "Convenient plasmid vectors for construction of chimeric mouse/human antibodies," <i>FEBS Lett</i> , 244:301-306 (1989).
AX7	Hayashi, H. et al., "An Enzyme-linked Immunosorbent Assay for Recombinant Human Tumor Necrosis Factor Using Monoclonal Antibody," <i>Recent Adv. Chemother</i> , 820-821 (1985).
AY7	Hirai, Makoto et al., "Production and characterization of monoclonal antibodies to human tumor necrosis factor," <i>J Immunol Methods</i> , 96:57-62 (1987).
AZ7	Sunahara, N. et al., "Simple enzyme immunoassay methods for recombinant human tumor necrosis factor $\alpha$ and its antibodies using a bacterial cell wall carrier," <i>J Immunol Methods</i> , 109:203-214 (1988).
AR8	Oliff, A., et al., "Tumors Secreting Human TNF/Cachectin Induce Cachexia in Mice," <i>Cell</i> , 50:555-563 (1987).
AS8	Mule, J.J., et al., "Antitumor Activity of Recombinant Interleukin 6 in Mice," <i>The Journal of Experimental Medicine</i> , 171:629-636 (1990).
AT8	Luettig, B., et al., "Evidence For The Existence Of Two Forms Of Membrane Tumor Necrosis Factor: An Integral Protein And A Molecule Attached To Its Receptor," <i>The Journal of Immunology</i> , 143:4034-4038 (1989).

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AV8	Bendtzen, K., et al., "Auto-Antibodies To IL-1 $\alpha$ and TNF $\alpha$ In Normal Individuals And In Infectious And Immunoinflammatory Disorders," <i>The Physiological and Pathological Effects of Cytokines</i> , 10B:447-452 (1990).
AW8	Fomsgaard, A., et al., "Auto-Antibodies To Tumour Necrosis Factor $\alpha$ In Healthy Humans And Patients With Inflammatory Diseases And Gram-Negative Bacterial Infections," <i>Scand. J. Immunol.</i> , 30:219-223 (1989).
AX8	James, K. and Bell, G.T., "Human Monoclonal Antibody Production Current Status And Future Prospects," <i>Journal of Immunological Methods</i> , 100:5-40 (1987).
AY8	Alberts, B. et al., <i>Molecular Biology of the Cell</i> , Garland Publishing Inc., pp 182-183 (1983).
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AR9	Bendtzen, K., et al., "Native inhibitors (autoantibodies) of IL-1 $\alpha$ and TNF," <i>Immunology Today</i> , 10(7):222 (1989).
AS9	Davenport, C., et al., "Stimulation Of Human B Cells Specific For Candida Albicans For Monoclonal Antibody Production," <i>FEMS Microbiol Immunol</i> , 4(6):335-343 Abstract (1992).
AT9	Pennica, D., et al., "Human tumour necrosis factor: precursor structure, expression and homology to lymphotoxin," <i>Nature</i> , 312(20/27):724-729 (1984).
AU9	Gray, P.W., et al., "Cloning and expression of cDNA for human lymphotoxin, a lymphokine with tumour necrosis activity," <i>Nature</i> , 312(20/27):721-724 (1984).
AV9	Petersen, C.M., et al., "Bioactive human recombinant tumor necrosis factor- $\alpha$ : an unstable dimer?*", <i>Eur. J. Immunol.</i> , 19:1887-1894 (1989).
AW9	Smith, C. A., et al., "A Receptor for Tumor Necrosis Factor Defines an Unusual Family of Cellular and Viral Proteins," <i>Science</i> , 248:1019-1023 (1990).
AX9	Brennan, F.M., et al., "Inhibitory Effect Of TNF $\alpha$ Antibodies On Synovial Cell Interleukin-1 Production In Rheumatoid Arthritis," <i>The Lancet</i> , 244-247 (1989).
AY9	Hahn, T., et al., "Use of monoclonal antibodies to a human cytotoxin for its isolation and for examining the self-induction of resistance to this protein," <i>Proc. Natl. Acad. Sci. USA</i> 82:3814-3818 (1985).
EXAMINER	DATE CONSIDERED

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SEP 27 2002

PTO-1449 REPRODUCED	ATTORNEY DOCKET NO. 0975.1005-017	APPLICATION NO. 10/043,432
INFORMATION DISCLOSURE CITATION IN AN APPLICATION September 23, 2002 SEP 26 2002 (Use several sheets if necessary)		
APPLICANT Junming Le et al.		GROUP 1644
FILING DATE January 10, 2002		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AZ9	Grau, G.E., et al., "Tumor Necrosis Factor (Cachectin) as an Essential Mediator in Murine Cerebral Malaria," <i>Science</i> , 237:1210-1212 (1987).
AR10	Barbanti, E., et al., "A high-affinity neutralizing anti-human TNF-alpha monoclonal antibody that cross-reacts with human TNF-beta," <i>Abstracts</i> , March 6th-9th (1991).
AS10	Jones, E.Y., et al., "Structure of tumour necrosis factor," <i>Nature</i> , 338:225-228 (1989).
AT10	Clark, W. R., "Types of Antibody Reactions," In <i>The Experimental Foundations of Modern Immunology</i> , (NY: John Wiley & Sons, Inc.) 4th Ed., pp 143-155 (1991).
AU10	Beutler, B., et al., "Cachectin and tumour necrosis factor as two sides of the same biological coin," <i>Nature</i> , 320:584-588 (1986).
AV10	Folks, T. M., et al., "Tumor Necrosis factor $\alpha$ induces expression of human immunodeficiency virus in a chronically infected T-cell clone," <i>Proc. Natl. Acad. Sci. USA</i> , 86:2365-2358 (1989).
AW10	Hird, V., et al., "Immunotherapy with Monoclonal Antibodies," In <i>Genes and Cancer</i> (John Wiley & Sons, Ltd.) (1990).
AX10	Rhein, R., "Another sepsis drug down-Immunex' TNF receptor," <i>Biotechnology Newswatch</i> , Monday, October 4, 1993, pp. 1,3.
AY10	Boyle, P., et al., "A Novel Monoclonal Human IgM Autoantibody which Binds Recombinant Human and Mouse Tumor Necrosis Factor- $\alpha$ ," <i>Cellular Immunology</i> , 152:556-568 (1993).
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AS11	Jacob, C.O., et al., "Tumour necrosis factor- $\alpha$ in murine autoimmune 'lupus' nephritis," <i>Nature</i> , 331:356-358 (1988).
EXAMINER	DATE CONSIDERED
Philip L. Gammage	2/4/05

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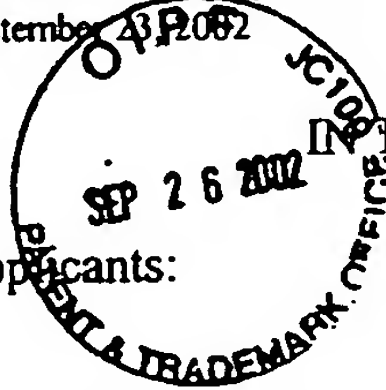
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Junming Le, Jan Vilcek, Peter Daddona, John Ghayeb, David M. Knight and Scott Siegel

Application No.: 10/043,432 Group Art Unit: 1644

Filed: January 10, 2002 Examiner: Not Assigned

Confirmation No.:

Title: METHODS OF TREATING CACHEXIA WITH CHIMERIC ANTI-TNF ANTIBODIES

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CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Assistant Commissioner for Patents, P.O. Box 2327, Arlington, VA 22202	
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Denise Carideo	
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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
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Arlington, VA 22202

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Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or  
(First/Second submission after Final Rejection)
- ☒ under 37 CFR 1.97(b), or  
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).
- ☐ under 37 CFR 1.97(c) together with either:
  - ☐ a Statement under 37 CFR 1.97(e), as checked below, or
  - ☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:
  - ☐ a Statement under 37 CFR 1.97(e), as checked below, and
  - ☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)
- ☐ under 37 CFR 1.97(i):  
Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.  
(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

☒ Enclosed herewith is form PTO-1449:

☐ Copies of the cited references are enclosed.

☒ Copies of cited references are enclosed except those entered in prior applications, U.S. Application No. 09/927,703, U.S. Application No. 09/756,398, and U.S. Application No.: 09/133,119 to which priority under 35 U.S.C. 120 is claimed. The earlier applications contains copies of the cited references.

☒ Some of the listed references were cited in the enclosed International Search Report and European Search Report in a counterpart foreign application. [ISR References AS, AV, AU, AZ, AX7, AY7 and AZ7; ESR References AP2, AM3, AN3, AO3, AP3, AQ3 and AL5]

☐ The "concise explanation" requirement (non-English references) for reference(s) [ ] under 37 CFR 1.98(a)(3) is satisfied by:

☐ the explanation provided on the attached sheet.

☐ the explanation provided in the Specification.

☐ submission of the enclosed International Search Report.

☐ the enclosed English language abstract.

☒ Applicant requests that the following pending applications be considered:

Examiner's  
Initials


U.S. Patent Application No. 09/756,398, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed January 8, 2001, Docket No.: 0975.1005-006



U.S. Patent Application No. 09/756,301, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed January 8, 2001, Docket No.: 0975.1005-008

PHILIP GAMBEL 2/4/05



*Me*  
U.S. Patent Application No. 09/766,535, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed January 18, 2001, Docket No.: 0975.1005-010

U.S. Patent Application No. 09/897,724, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed July 2, 2001, Docket No.: 0975.1005-012

U.S. Patent Application No. 09/927,703, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed August 10, 2001, Docket No.: 0975.1005-013

U.S. Patent Application No. 10/010,229, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed December 7, 2001 Docket No.: 0975.1005-014

U.S. Patent Application No. 10/043,450, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed January 10, 2002, Docket No.: 0975.1005-015

U.S. Patent Application No. 10/044,534, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed January 10, 2002, Docket No.: 0975.1005-016

U.S. Patent Application No. 10/043,436, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed January 10, 2002, Docket No.: 0975.1005-018

U.S. Patent Application No. 10/176,460, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed June 20, 2002, Docket No.: 0975.1005-019


U.S. Patent Application No. 10/187,121, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed June 28, 2002, Docket No.: 0975.1005-020

U.S. Patent Application No. 10/186,559, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed June 28, 2002, Docket No.: 0975.1005-021

U.S. Patent Application No. 10/198,845, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed July 18, 2002, Docket No.: 0975.1005-022

*Me*  
U.S. Patent Application No. 10/200,795, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed July 22, 2002, Docket No.: 0975.1005-023

*Pharm Gsmbr 2/4/05*

 U.S. Patent Application No. 10/208,195, by Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel, filed July 29, 2002, Docket No.: 0975.1005-024

Philip P. Gamber  
Examiner

2/4/05  
Date

☒ [X] The specification for the above cited co-pending applications is identical to the present specification (10/043,432). Therefore, only a copy of the current claims for each application is enclosed. Copies of the specifications of the co-pending applications will be provided upon request.

☐ [ ] A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

☐ [ ] A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.

☐ [ ] Please charge Deposit Account 08-0380 in the amount of \$[ ]. A copy of this Statement is enclosed.

☒ [X] Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Deirdre E. Sanders  
Deirdre E. Sanders  
Registration No.: 42,122  
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Concord, Massachusetts 01742-9133

Dated: September 23, 2002

1644



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

p#12

Applicants: Junming Le, Jan Vilcek, Peter Daddona, John Ghrayeb, David M. Knight and Scott Siegel

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OCT 18 2002

Application No.: 10/043,432 Group Art Unit: 1644  
Filed: January 10, 2002 Examiner: Not Assigned  
Confirmation No.: 3288

TECH CENTER 1600/2900

Title: METHODS OF TREATING CACHEXIA WITH CHIMERIC ANTI-TNF ANTIBODIES

CERTIFICATE OF MAILING	
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
P.O. Box 2327  
Arlington, VA 22202

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or  
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- ☒ under 37 CFR 1.97(b), or  
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).
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☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:  
☐ a Statement under 37 CFR 1.97(e), as checked below, and  
☐ a \$180.00 fee under 37 CFR 1.17(p), or  
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)
- ☐ under 37 CFR 1.97(i):  
Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.  
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Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)


Applies to original applications (other than design) filed on or after May 29, 2000

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- ☒ Enclosed herewith is form PTO-1449:
  - ☐ Copies of the cited references are enclosed.
  - ☒ Copies of cited references are enclosed except those entered in prior application, U.S. Application No. 09/927,703, to which priority under 35 U.S.C. 120 is claimed. The earlier applications contains copies of the cited references.
  - ☐ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
  - ☒ The "concise explanation" requirement (non-English references) for references AN7 and AO7 under 37 CFR 1.98(a)(3) is satisfied by:
    - ☐ the explanation provided on the attached sheet.
    - ☐ the explanation provided in the Specification.
    - ☐ submission of the enclosed International Search Report.
    - ☒ the enclosed English language abstracts and also reference AH2, which is a U.S. equivalent of AN7. Copies of references AH2, AN7 and AO7 are enclosed in prior application, U.S. Application No. 09/927,703, to which priority under 35 U.S.C. 120 is claimed.
- ☒ Applicant requests that the following pending applications be considered:

Examiner's  
Initials

U.S. Patent Application No. 10/227,488, by Junming Le, Jan Vilcek, Peter Daddona, John Ghayeb, David M. Knight and Scott Siegel, filed August 23, 2002, Docket No.: 0975.1005-025

  
Examiner

  
Date

☒ The specification for the above cited co-pending application is identical to the present specification (10/043,432). Therefore, only a copy of the current claims for this application is enclosed. Copies of the specifications of the co-pending application will be provided upon request.

☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [ ], to which priority under 35 U.S.C. 120 is claimed.

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Respectfully submitted,

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Dated: October 9, 2002